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OM protein - protein search, using sw model

Run on: April 23, 2004, 10:37:35 ; Search time 47 Seconds
(without alignments)
1505.908 Million cell updates/sec

Title: US-09-933-814-2
Perfect score: 1302
Sequence: 1 VNQAECRFGGILGKRLAR.....RSGAMSPMNSDASTSEAS 256

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1133595 seqs, 276475211 residues

Total number of hits satisfying chosen parameters: 1133595

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US05_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1302	100.0	256	9	US-09-933-814-2 ✓ Sequence 2, Appli
2	1302	100.0	256	9	US-09-824-134-2 Sequence 2, Appli
3	1302	100.0	256	15	US-10-368-438-2 Sequence 2, Appli
4	1040	79.9	208	14	US-10-207-655-184 Sequence 184, App
5	1040	79.9	208	14	US-10-207-655-190 Sequence 190, App
6	1033.5	79.4	211	14	US-10-207-655-408 Sequence 408, App
7	723	55.5	210	14	US-10-207-655-418 Sequence 418, App
8	405	31.1	84	9	US-09-952-768-64 Sequence 64, Appli
9	405	31.1	84	12	US-10-668-955-64 Sequence 64, Appli
10	320	30.0	81	9	US-09-410-194-9 Sequence 9, Appli
11	386	29.6	82	14	US-10-001-254-39 Sequence 39, Appli
12	382	29.3	74	13	US-10-112-793-25 Sequence 25, Appli
13	382	29.3	74	14	US-10-287-594-5 Sequence 5, Appli
14	369	28.3	77	14	US-10-001-254-35 Sequence 35, Appli
15	318	24.4	62	13	US-10-035-408-5 Sequence 5, Appli

16	161.5	12.4	95	12	US-10-087-684-87	Sequence 87, Appli
17	161.5	12.4	95	12	US-10-218-779-87	Sequence 87, Appli
18	161.5	12.4	95	12	US-09-972-211-128	Sequence 128, App
19	161.5	12.4	95	12	US-10-096-625-128	Sequence 128, App
20	161.5	12.4	95	11	US-09-970-944-45	Sequence 45, Appli
21	161.5	12.4	95	12	US-10-037-417-124	Sequence 124, App
22	131	10.1	82	12	US-10-087-684-89	Sequence 89, Appli
23	131	10.1	82	12	US-10-218-779-89	Sequence 89, Appli
24	131	10.1	83	11	US-09-970-944-47	Sequence 47, Appli
25	131	10.1	83	12	US-10-037-417-126	Sequence 126, App
26	138.5	9.9	250	9	US-09-989-903-48	Sequence 48, Appli
27	138.5	9.9	250	14	US-10-068-564-48	Sequence 48, Appli
28	122	9.4	177	9	US-09-410-194-7	Sequence 7, Appli
29	122	9.4	235	15	US-10-368-438-5	Sequence 5, Appli
30	122	9.4	261	15	US-10-368-438-25	Sequence 25, Appli
31	122	9.4	277	15	US-10-368-438-8	Sequence 8, Appli
32	122	9.4	464	15	US-10-368-438-18	Sequence 18, Appli
33	122	9.4	478	10	US-09-009-893-3	Sequence 3, Appli
34	122	9.4	479	9	US-09-410-194-20	Sequence 20, Appli
35	122	9.4	479	10	US-09-851-873-101	Sequence 101, App
36	122	9.4	479	15	US-10-368-438-7	Sequence 7, Appli
37	117	9.0	75	9	US-09-952-768-66	Sequence 66, Appli
38	117	9.0	75	12	US-10-668-955-66	Sequence 66, Appli
39	116	8.9	75	14	US-10-001-254-31	Sequence 31, Appli
40	116	8.9	110	9	US-09-864-761-36543	Sequence 36543, A
41	116	8.9	476	9	US-09-954-697-27	Sequence 27, Appli
42	116	8.9	496	9	US-09-952-768-4	Sequence 4, Appli
43	116	8.9	496	12	US-10-232-884-6	Sequence 6, Appli
44	116	8.9	496	12	US-10-668-955-4	Sequence 4, Appli
45	115.5	8.9	656	9	US-09-862-027-30	Sequence 30, Appli

ALIGNMENTS

RESULT 1

US-09-933-814-2
; Sequence 2, Application US/09933814
; Patent No. US20020058798A1
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: VARFOLOMBEV, Eugene
; APPLICANT: METT, Igor
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS/APO1 RECEPTORS
; FILE REFERENCE: WALLACH=16B
; CURRENT APPLICATION NUMBER: US/09/933,814
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 08/860,082
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: PCT/US95/16542
; PRIOR FILING DATE: 1995-12-14
; PRIOR APPLICATION NUMBER: IL 112022
; PRIOR FILING DATE: 1994-12-15
; PRIOR APPLICATION NUMBER: IL 112692
; PRIOR FILING DATE: 1995-02-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-933-814-2

Query Match 100.0%; Score 1302; DB 9; Length 256;
Best Local Similarity 100.0%; Pred. No. 5, 1e-121;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 VNQAECRFGGILGKRLARSEPTTEGARRAGPQPRFLADPAMDPPFLVLLHSVS 60
Db 1 VNQAECRFGGILGKRLARSEPTTEGARRAGPQPRFLADPAMDPPFLVLLHSVS 60
Qy 61 SSLSSSELTCLKFLCLGRVVKRLERVSGLDIFSMLEQNDLEPGHTELLRELLASLR 120

Db 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLRR 120
QY 121 HDLLRRVDDFAGAAAGAAPEEDLCAAFNVCNVGKWRRLARQLKVSDTKIDSIEDR 180
Db 121 HDLLRRVDDFAGAAAGAAPEEDLCAAFNVCNVGKWRRLARQLKVSDTKIDSIEDR 180
QY 181 YPRNLTERVRESLRIRWNTKTEKATVAHLVGLARSCQNNLVADLVQEVQQAQDLQNRSGA 240
Db 181 YPRNLTERVRESLRIRWNTKTEKATVAHLVGLARSCQNNLVADLVQEVQQAQDLQNRSGA 240
QY 241 MSPMSWNSDASTSEAS 256
Db 241 MSPMSWNSDASTSEAS 256

RESULT 2

US-09-824-134-2
; Sequence 2, Application US/09824134
; Patent No. US20020082401A1
; GENERAL INFORMATION:

APPLICANT: WALLACH, David
BOLDIN, Mark
VARFOLOMEYEV, Eugene
METT, Igor

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS/APO1
RECEPTORS

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.

STREET: 419 Seventh Street N.W., Ste. 300

CITY: Washington

STATE: D.C.

COUNTRY: United States of America

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/824,134

FILING DATE: 03-Apr-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/860,082

FILING DATE: <Unknown>

APPLICATION NUMBER: IL 112022

FILING DATE: 15-DEC-1994

APPLICATION NUMBER: IL 112692

FILING DATE: 19-FEB-1995

APPLICATION NUMBER: IL 114615

FILING DATE: 16-JUL-1995

ATTORNEY/AGENT INFORMATION:

NAME: BROWDY, Roger L.

REGISTRATION NUMBER: 25,618

REFERENCE/DOCKET NUMBER: WALLACH=16

TELEPHONE: (202) 628-5197

TELEFAX: (202) 737-3528

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 256 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-824-134-2

Query Match 100.0%; Score 1302; DB 9; Length 256;
Best Local Similarity 100.0%; Pred. No. 5, 1e-121;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 VQAPECFGGGILGPKRRDLARASEPRTEGARRAGQPRPLADPAMDFFLVLLHSVS 60

Db 1 VQAPECFGGGILGPKRRDLARASEPRTEGARRAGQPRPLADPAMDFFLVLLHSVS 60
QY 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLRR 120
Db 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLRR 120
QY 121 HDLLRRVDDFAGAAAGAAPEEDLCAAFNVCNVGKWRRLARQLKVSDTKIDSIEDR 180
Db 121 HDLLRRVDDFAGAAAGAAPEEDLCAAFNVCNVGKWRRLARQLKVSDTKIDSIEDR 180
QY 181 YPRNLTERVRESLRIRWNTKTEKATVAHLVGLARSCQNNLVADLVQEVQQAQDLQNRSGA 240
Db 181 YPRNLTERVRESLRIRWNTKTEKATVAHLVGLARSCQNNLVADLVQEVQQAQDLQNRSGA 240
QY 241 MSPMSWNSDASTSEAS 256
Db 241 MSPMSWNSDASTSEAS 256

RESULT 3

US-10-368-438-2

; Sequence 2, Application US/10368438

; Publication No. US20030219411A1

; GENERAL INFORMATION:

APPLICANT: David WALLACH

Mark P. BOLDIN

Tanya M. GONCHAROV

YURY V. GOLTSEV

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: Browdy and Neimark

STREET: 419 Seventh Street N.W., Ste. 300

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/368,438

FILING DATE: 20-Feb-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/983,502

FILING DATE: 16-JAN-1998

APPLICATION NUMBER: PCT/US96/10521

FILING DATE: 14-JUN-1996

APPLICATION NUMBER: IL 114,615

FILING DATE: 16-JUL-1995

APPLICATION NUMBER: IL 114,986

FILING DATE: 17-AUG-1995

APPLICATION NUMBER: IL 115,319

FILING DATE: 14-SEP-1995

APPLICATION NUMBER: IL 116,588

FILING DATE: 27-DEC-1995

APPLICATION NUMBER: IL 117,932

FILING DATE: 16-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Browdy, Roger L.

REGISTRATION NUMBER: 25,618

REFERENCE/DOCKET NUMBER: WALLACH=19

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 628-5197

TELEFAX: (202) 737-3528

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 256 amino acids

TYPE: amino acid

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; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-368-438-2

Query Match      100.0%; Score 1302; DB 15; Length 256;
Best Local Similarity 100.0%; Pred. No. 5.1e-121;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VNQAPECFGGILGPIGKRDILARASEPTREGARRAGPQPRPLADPAMPDFVLVLSVS 60
Db 1 VNQAPECFGGILGPIGKRDILARASEPTREGARRAGPQPRPLADPAMPDFVLVLSVS 60
QY 61 SSLSSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASLR 120
Db 61 SSLSSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASLR 120
QY 121 HDLLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLARQLKVSQDKIDSIEDR 180
Db 121 HDLLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLARQLKVSQDKIDSIEDR 180
QY 181 YPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLVQVQARDLQNRSGA 240
Db 181 YPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLVQVQARDLQNRSGA 240
QY 241 MSPMWSNDASTSEAS 256
Db 241 MSPMWSNDASTSEAS 256

RESULT 4
US-10-207-655-184
; Sequence 184, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Hayden-Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; SOFTWARE: Patentin version 3.0
; NUMBER OF SEQ ID NOS: 426
; SEQ ID NO 184
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-184

Query Match      79.9%; Score 1040; DB 14; Length 208;
Best Local Similarity 99.5%; Pred. No. 4.5e-95;
Matches 207; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPLVLLHSVSSLSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLARQLK 168
Db 61 ELLRELLASLRHDLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLARQLK 120
QY 169 VSDTKIDSIEDRYPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLVQEV 228
Db 121 VSDTKIDSIEDRYPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLVQEV 180

RESULT 5
US-10-207-655-408
; Sequence 408, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; SOFTWARE: Patentin version 3.0
; NUMBER OF SEQ ID NOS: 426
; SEQ ID NO 408
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fusion polypeptide
US-10-207-655-408

Query Match      79.4%; Score 1033.5; DB 14; Length 211;
Best Local Similarity 98.1%; Pred. No. 2e-94;
Matches 207; Conservative 2; Mismatches 1; Indels 1; Gaps 1;

QY 46 DPAMDPLVLLHSVSSLSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEP 105
Db 2 DPS-NPFLVLLHSVSSLSSELTKFKLCGRVVKRLERVQSGLDLFSMLLEQNDLEP 60
QY 106 GHTELLRELLASLRHDLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLAR 165
Db 61 GHTELLRELLASLRHDLRRVDDFEAGAAAGAAAGPEEDLCAAFNVCNMGKWRRLAR 120
QY 166 QKVSDTKIDSIEDRYPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLV 225
Db 121 QKVSDTKIDSIEDRYPRNLTERVRESLRWKNTKENATVAHLVGLRSCQMNVLADLV 180
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QY 226 QEVQVQARDLQNRSGAMSPMSWNSDASTSEAS 256
Db 181 QEVQVQARDLQNRSGAMSPMSWNSDASTSEAS 211

RESULT 7
US-10-207-655-418
; Sequence 418, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 418
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fusion polypeptide
US-10-207-655-418

Query Match 55.5%; Score 723; DB 14; Length 210;
Best Local Similarity 68.1%; Pred. No. 1.6e-63;
Matches 143; Conservative 35; Mismatches 28; Indels 4; Gaps 2;
QY 46 DPA-MDPFLVLLHVSLSSELTTELKFLCGRVVKRLERVQSGLDLFSMLLEQNLDLE 104
Db 2 DPNMDPFLVLLHLSLGSLSGNDLMELKFLCRERVKRLERVQSGLDLFTVLLEQNLDLE 61
QY 105 PGHTELLRELLASLRHDLRRVDFRAGAAAGPGEEDLCRAFNVICDNVCKQWERLA 164
Db 62 RHTGLLELLASLRHDLRLQDDFAGTATAPPEADLQVAFDVCNVDNRDKRLA 121
QY 165 RQLKVSPTKIDSIEDYPRNLITERVRESLRIRWKNTEKENATVAHLVGALSCOMNLVADL 224
Db 122 RELKVSBAKMDGIEEKYPSLSRVSRESLKVWKAENKASVAGLVKALATCRNLVADL 181
QY 225 QEVQVQARDLQNRSGAMSPMSWNSDASTSE 254
Db 182 VEEAQES---VSKSENMPVLDRDSTVSSE 208

RESULT 8
US-09-952-768-64
; Sequence 64, Application US/09952768
; Patent No. US2002035242A1
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; Fernandes-Alnemri, Teresa
; Litwack, Gerald
; Armstrong, Robert
; Tomaselli, Kevin
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,
; NUCLEIC ACIDS ENCODING AND METHODS OF USE
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: Suite 6300, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/668,955
; FILING DATE: 22-Sep-2003
; CLASSIFICATION: <Unknown>
; NAME: Laherty, Carol D.
; REGISTRATION NUMBER: 51,909
; REFERENCE/DOCKET NUMBER: 480140.424D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/952,768
; FILING DATE: 10-Sep-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Christiansen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 480140.424C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..84
; OTHER INFORMATION: /note= "human FADD"
; SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-09-952-768-64

Query Match 31.1%; Score 405; DB 9; Length 84;
Best Local Similarity 98.8%; Pred. No. 1.9e-32;
Matches 83; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 49 MDPFLVLLHVSLSSELTTELKFLCGRVVKRLERVQSGLDLFSMLLEQNLDLEPGHT 108
Db 1 MDPFLVLLHVSLSSELTTELKFLCGRVVKRLERVQSGLDLFSMLLEQNLDLEPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEA 132
Db 61 ELLRELLASLRHDLRRVDDFEA 84

RESULT 9
US-10-668-955-64
; Sequence 64, Application US/10668955
; Publication No. US20040054148A1
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; Fernandes-Alnemri, Teresa
; Litwack, Gerald
; Armstrong, Robert
; Tomaselli, Kevin
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,
; NUCLEIC ACIDS ENCODING AND METHODS OF USE
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: Suite 6300, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/668,955
; FILING DATE: 22-Sep-2003
; CLASSIFICATION: <Unknown>
; NAME: Laherty, Carol D.
; REGISTRATION NUMBER: 51,909
; REFERENCE/DOCKET NUMBER: 480140.424D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031

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/ INFORMATION FOR SEQ ID NO: 64:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 84 amino acids
/   TYPE: amino acids
/   STRANDEDNESS: <Unknown>
/   TOPOLOGY: linear
/ FEATURE:
/   NAME/KEY: Peptide
/   LOCATION: 1..84
/   OTHER INFORMATION: /note= "human FADD"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-10-668-955-64

Query Match          31.1%; Score 405; DB 12; Length 84;
Best Local Similarity 98.8%; Pred. No. 1.9e-32;
Matches 83; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 60

QY 109 ELLRELLASLRHDLRRVDDFEA 132
Db 61 ELLRELLASLRHDLRRVDDFEA 84

RESULT 10
US-09-410-194-9
/ Sequence 9, Application US/09410194
/ Patent No. US20020095030A1
/ GENERAL INFORMATION:
/ APPLICANT: Tschopp, Jurg
/ APPLICANT: Thome, Margot
/ APPLICANT: Burns, Kimberly
/ APPLICANT: Imler, Marten
/ APPLICANT: Hahne, Michael
/ APPLICANT: Schroter, Michael
/ APPLICANT: Schneider, Pascal
/ APPLICANT: Bodmer, Jean- Luc
/ APPLICANT: Steiner, Veronique
/ APPLICANT: Rimoldi, Donata
/ APPLICANT: Hofmann, Kay
/ APPLICANT: French, E. Lars
/ TITLE OF INVENTION: FLIP GENES AND FLIP PROTEINS
/ FILE REFERENCE: 11141-002001
/ CURRENT APPLICATION NUMBER: US/09/410,194
/ CURRENT FILING DATE: 1999-09-30
/ PRIOR APPLICATION NUMBER: PCT/EP98/01857
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: GERMANY 197 13 393.2
/ PRIOR FILING DATE: 1997-04-01
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 9
/ LENGTH: 81
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-410-194-9

Query Match          30.0%; Score 390; DB 9; Length 81;
Best Local Similarity 98.8%; Pred. No. 5.7e-31;
Matches 80; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 60

QY 109 ELLRELLASLRHDLRRVDD 129
Db 61 ELLRELLASLRHDLRRVDD 81

RESULT 11
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US-10-001-254-39
/ Sequence 39, Application US/10001254
/ Publication No. US20030049702A1
/ GENERAL INFORMATION:
/ APPLICANT: Reed, John C.
/ APPLICANT: Godzik, Adam
/ APPLICANT: Pawlowski, Krzysztof
/ APPLICANT: Fiorentino, Loredana
/ APPLICANT: Lee, Sug Hyung
/ APPLICANT: Roth, Wilfred
/ APPLICANT: Stenner-Liewen, Frank
/ TITLE OF INVENTION: NO. US20030049702A1el Death Domain Proteins
/ FILE REFERENCE: P-LJ 5037
/ CURRENT APPLICATION NUMBER: US/10/001,254
/ CURRENT FILING DATE: 2001-11-15
/ PRIOR APPLICATION NUMBER: 60/301,889
/ PRIOR FILING DATE: 2001-06-29
/ PRIOR APPLICATION NUMBER: 09/715,893
/ PRIOR FILING DATE: 2000-11-17
/ NUMBER OF SEQ ID NOS: 62
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 39
/ LENGTH: 82
/ TYPE: PRT
/ ORGANISM: Homo sapien
US-10-001-254-39

Query Match          29.6%; Score 386; DB 14; Length 82;
Best Local Similarity 96.4%; Pred. No. 1.4e-30;
Matches 80; Conservative 1; Mismatches 0; Indels 2; Gaps 1;

QY 49 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTEKFLCLGRVVKRLERVQSGLDLFSMLLEQNDEPGHT 58

QY 109 ELLRELLASLRHDLRRVDDFE 131
Db 59 ELLRELLASLRHDLRRVDDFE 81

RESULT 12
US-10-112-793-25
/ Sequence 25, Application US/10112793
/ Publication No. US20020192729A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi J.
/ TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
/ NUMBER OF SEQUENCES: 28
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 1 DNA Way
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WinPatIn (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/112,793
/ FILING DATE: 28-Mar-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/828,683A
/ FILING DATE: 31-Mar-1997
/ APPLICATION NUMBER: 08/625328
/ FILING DATE: 1-Apr-1996
/ APPLICATION NUMBER: 08/710802
/ FILING DATE: 23-Sep-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marschang, Diane L.
```

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; REGISTRATION NUMBER: 35,600
; REFERENCE/DOCKET NUMBER: P1007P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-5416
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 74 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-112-793-25
    Query Match          29.3%; Score 382; DB 13; Length 74;
    Best Local Similarity 100.0%; Pred. No. 3.1e-30;
    Matches 74; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 152 ICDNVGDKWRRLARQLKVSQTKIDSIEDRYPRNLTERVRSRLRWKNTKENATVAHLVG 211
Db 1 ICDNVGDKWRRLARQLKVSQTKIDSIEDRYPRNLTERVRSRLRWKNTKENATVAHLVG 60

Qy 212 ALRSCQNNLVADLV 225
Db 61 ALRSCQNNLVADLV 74

RESULT 13
US-10-287-594-5
; Sequence 5, Application US/10287594
; Publication No. US20030096288A1
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian
; APPLICANT: Dixit, Vishva M
; TITLE OF INVENTION: RAIDD, A No. US20030096288A1el Death Adaptor Molecule
; FILE REFERENCE: 1488.0860002
; CURRENT APPLICATION NUMBER: US/10/287,594
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US/09/545,605
; PRIOR FILING DATE: 2001-04-07
; PRIOR APPLICATION NUMBER: 08/995,159
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60,033,868
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 5
; LENGTH: 74
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-594-5

    Query Match          29.3%; Score 382; DB 14; Length 74;
    Best Local Similarity 100.0%; Pred. No. 3.1e-30;
    Matches 74; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 152 ICDNVGDKWRRLARQLKVSQTKIDSIEDRYPRNLTERVRSRLRWKNTKENATVAHLVG 211
Db 1 ICDNVGDKWRRLARQLKVSQTKIDSIEDRYPRNLTERVRSRLRWKNTKENATVAHLVG 60

Qy 212 ALRSCQNNLVADLV 225
Db 61 ALRSCQNNLVADLV 74

RESULT 14
US-10-001-254-35
; Sequence 35, Application US/10001254
; Publication No. US20030049702A1
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Godzik, Adam
; APPLICANT: Pawlowski, Krzysztof
; APPLICANT: Fiorentino, Loredana
```

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;
; APPLICANT: Lee, Sug Hyung
; APPLICANT: Roth, Wilfred
; APPLICANT: Stemmer-Liwen, Frank
; TITLE OF INVENTION: No. US20030049702A1el Death Domain Proteins
; FILE REFERENCE: P-LJ 5037
; CURRENT APPLICATION NUMBER: US/10/001,254
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/301,889
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/715,893
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 77
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-001-254-35

    Query Match          28.3%; Score 369; DB 14; Length 77;
    Best Local Similarity 98.7%; Pred. No. 6.5e-29;
    Matches 76; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 49 MDPFLVLLHSVSSLSLSSSELTFLCLGRVVKKLERVQSGDLDFSLLEQNDLEPGHT 108
Db 1 MDPFLVLLHSVSSLSLSSSELTFLCLGRVVKKLERVQSGDLDFSLLEQNDLEPGHT 60

Qy 109 ELLRELLASLRHDLR 125
Db 61 ELLRELLASLRHDLR 77

RESULT 15
US-10-035-408-5
; Sequence 5, Application US/10035408
; Publication No. US20020123117A1
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; BOLDIN, Mark P.
; VARFOLOMBEV, Eugene E.
; PANCER, Zeev
; METT, Igor
; GONCHAROV, Tanya M.
; WEINMURZEL, Henry.
; TITLE OF INVENTION: MODULATORS OF REGULATORY PROTEINS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/035,408
; FILING DATE: 04-Jan-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,626
; FILING DATE: 09-Dec-1997
; APPLICATION NUMBER: IL 112,742
; FILING DATE: 22-FEB-1995
; APPLICATION NUMBER: IL 115,289
; FILING DATE: 13-SEP-1995
; APPLICATION NUMBER: PCT/US96/02326
; FILING DATE: 15-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
```

```

; REFERENCE/DOCKET NUMBER: WALLACH-17
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 62 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-035-408-S

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Query Match      24.4%   Score 318; DB 13; Length 62;
Best Local Similarity 100.0%; Pred. No. 5.7e-24;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      160 WRRLARQLKVS DTKIDSI EDI RYPRNL TERYVRESLR IWKNT EKENATVAHLVGLRSCQMN 219
Db      1   WRRLARQLKVS DTKIDSI EDI RYPRNL TERYVRESLR IWKNT EKENATVAHLVGLRSCQMN 60

Qy      220 LV 221
Db      61 LV 62

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Search completed: April 23, 2004, 10:43:51
Job time : 48 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 23, 2004, 10:33:00 ; Search time 23 Seconds
(without alignments)
574.620 Million cell updates/sec

Title: US-09-933-814-2
Perfect score: 1302
Sequence: 1 VNQAECRPGGILGLGK.....RSGMSPMWSNDASTSEAS 256

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2.6/prodata/2/aaa/5A_COMB.pep:*
2: /cgn2.6/prodata/2/aaa/5B_COMB.pep:*
3: /cgn2.6/prodata/2/aaa/6A_COMB.pep:*
4: /cgn2.6/prodata/2/aaa/6B_COMB.pep:*
5: /cgn2.6/prodata/2/aaa/FCUS_COMB.pep:*
6: /cgn2.6/prodata/2/aaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	1302	100.0	256	4	US-08-983-502-2
2	1302	100.0	256	4	US-09-516-747-2
3	1302	100.0	256	5	PCT-US95-16542-2
4	1302	100.0	256	5	PCT-US96-10521-2
5	1047	80.4	208	1	US-08-618-164-3
6	1040	79.9	208	3	US-09-074-044A-19
7	1040	79.9	208	4	US-09-159-277A-2
8	1033	79.3	208	3	US-09-382-155-19
9	1028	79.0	208	3	US-09-064-414-6
10	985.5	75.7	201	3	US-09-064-414-2
11	982.5	75.5	201	3	US-09-064-414-2
12	438	33.6	85	3	US-09-042-785A-28
13	405	31.1	84	1	US-08-665-220-64
14	405	31.1	84	3	US-09-291-692-64
15	401	30.8	83	3	US-09-382-155-15
16	401	30.8	83	3	US-09-074-044A-15
17	382	29.3	74	3	US-08-995-159-5
18	382	29.3	74	3	US-08-828-683A-25
19	382	29.3	74	4	US-09-545-605-5
20	356	27.3	70	4	US-09-159-277A-3
21	320	24.6	67	4	US-09-180-167A-10
22	320	24.6	67	4	US-09-033-524B-10
23	318	24.4	62	4	US-08-894-626-5
24	261	20.0	67	4	US-09-180-167A-11
25	261	20.0	67	4	US-09-033-524B-11
26	128.5	9.9	250	4	US-09-187-789-48
27	128.5	9.9	250	4	US-09-139-600-43

28	122	9.4	180	3	US-09-382-155-18	Sequence 18, Appl
29	122	9.4	180	3	US-09-074-044A-18	Sequence 18, Appl
30	122	9.4	220	2	US-08-807-200-2	Sequence 2, Appl
31	122	9.4	220	3	US-09-001-777-2	Sequence 2, Appl
32	122	9.4	235	4	US-08-983-502-5	Sequence 5, Appl
33	122	9.4	235	4	US-09-516-747-5	Sequence 5, Appl
34	122	9.4	235	5	PCT-US96-10521-5	Sequence 5, Appl
35	122	9.4	257	1	US-08-618-164-2	Sequence 2, Appl
36	122	9.4	261	4	US-08-983-502-25	Sequence 25, Appl
37	122	9.4	261	4	US-09-516-747-25	Sequence 25, Appl
38	122	9.4	261	5	PCT-US96-10521-25	Sequence 25, Appl
39	122	9.4	277	4	US-08-983-502-8	Sequence 8, Appl
40	122	9.4	277	4	US-09-516-747-8	Sequence 8, Appl
41	122	9.4	277	5	PCT-US96-10521-8	Sequence 8, Appl
42	122	9.4	464	4	US-08-983-502-18	Sequence 18, Appl
43	122	9.4	464	4	US-09-516-747-18	Sequence 18, Appl
44	122	9.4	464	5	PCT-US96-10521-18	Sequence 18, Appl
45	122	9.4	478	4	US-09-009-893A-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-08-983-502-2
; Sequence 2, Application US/08983502
; Patent No. 6399327
; GENERAL INFORMATION: Mort-1 DWA
; APPLICANT: David WALLACH
; APPLICANT: Mark P. BOLDIN
; APPLICANT: Tanya M. GONCHAROV
; APPLICANT: Yuri V. GOLTSEV
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
; TITLE OF INVENTION: AND OTHER PROTEINS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,502
; FILING DATE: 16-JAN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10521
; FILING DATE: 14-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,615
; FILING DATE: 16-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,986
; FILING DATE: 17-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 115,319
; FILING DATE: 14-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 116,588
; FILING DATE: 27-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 117,932
; FILING DATE: 16-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH-19
; TELECOMMUNICATION INFORMATION:


```
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-983-502-2

Query Match 100.0%; Score 1302; DB 4; Length 256;
Best Local Similarity 100.0%; Pred. No. 5.6e-132;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VNQAPECRFGGILGPIGKRDRLARASPRTEGARRAGQPRPLADPMDPFLVLLHSVS 60
DB 1 VNQAPECRFGGILGPIGKRDRLARASPRTEGARRAGQPRPLADPMDPFLVLLHSVS 60

QY 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120
DB 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120

QY 121 HDLLRRVDDFAGAAAGAAAPGEEDLCAAFNVICDNVGDWRLARQLKVSDTKIDSIEDR 180
DB 121 HDLLRRVDDFAGAAAGAAAPGEEDLCAAFNVICDNVGDWRLARQLKVSDTKIDSIEDR 180

QY 181 YPRNLTERVRESLRIRWKNTEKENATVAHLVGALRSQNNLVADLVQEVQQAQDLQNRSGA 240
DB 181 YPRNLTERVRESLRIRWKNTEKENATVAHLVGALRSQNNLVADLVQEVQQAQDLQNRSGA 240

QY 241 MSPMSWNSDASTSEAS 256
DB 241 MSPMSWNSDASTSEAS 256

RESULT 2
US-09-516-747-2
; Sequence 2, Application US/09516747
; Patent No. 6586571
; GENERAL INFORMATION:
; APPLICANT: David WALLACH
; Mark P. BOLDIN
; Tanya M. GONCHAROV
; Yuri V. GOLISEV
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
; AND OTHER PROTEINS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/516,747
; FILING DATE: 01-Mar-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/983,502
; FILING DATE: <Unknown>
; APPLICATION NUMBER: IL 114,615
; FILING DATE: 16-JUL-1995
; APPLICATION NUMBER: IL 114,986
; FILING DATE: 17-AUG-1995
; APPLICATION NUMBER: IL 115,319
; FILING DATE: 14-SEP-1995
; APPLICATION NUMBER: IL 116,588
; FILING DATE: 27-DEC-1995
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; APPLICATION NUMBER: IL 117,932
; FILING DATE: 16-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH-19
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-516-747-2

Query Match 100.0%; Score 1302; DB 4; Length 256;
Best Local Similarity 100.0%; Pred. No. 5.6e-132;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VNQAPECRFGGILGPIGKRDRLARASPRTEGARRAGQPRPLADPMDPFLVLLHSVS 60
DB 1 VNQAPECRFGGILGPIGKRDRLARASPRTEGARRAGQPRPLADPMDPFLVLLHSVS 60

QY 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120
DB 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120

QY 121 HDLLRRVDDFAGAAAGAAAPGEEDLCAAFNVICDNVGDWRLARQLKVSDTKIDSIEDR 180
DB 121 HDLLRRVDDFAGAAAGAAAPGEEDLCAAFNVICDNVGDWRLARQLKVSDTKIDSIEDR 180

QY 181 YPRNLTERVRESLRIRWKNTEKENATVAHLVGALRSQNNLVADLVQEVQQAQDLQNRSGA 240
DB 181 YPRNLTERVRESLRIRWKNTEKENATVAHLVGALRSQNNLVADLVQEVQQAQDLQNRSGA 240

QY 241 MSPMSWNSDASTSEAS 256
DB 241 MSPMSWNSDASTSEAS 256

RESULT 3
PCI-US95-16542-2
; Sequence 2, Application PC/TUS9516542
; GENERAL INFORMATION:
; APPLICANT: YEDA RESEARCH AND DEVELOPMENT CO. LTD.
; APPLICANT: WEINMURZEL, Henry
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: VARFOLOMEV, Eugene
; APPLICANT: METT, Igor
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS/APOL
; NUMBER OF SEQUENCES: 2
; TITLE OF INVENTION: RECEPTORS
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States of America
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/16542
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: IL 112022
FILING DATE: 15-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 112692
FILING DATE: 19-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114615
FILING DATE: 16-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH-16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-16542-2

Query Match 100.0%; Score 1302; DB 5; Length 256;
Best Local Similarity 100.0%; Pred. No. 5.6e-132;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VNQAPECRFGGILGPIGKERDLARASEPRTEGARRAGPQPRPLADPAMDPLVLLHSVS 60
Db 1 VNQAPECRFGGILGPIGKERDLARASEPRTEGARRAGPQPRPLADPAMDPLVLLHSVS 60

QY 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120
Db 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120

QY 121 HDLLRRVDDFEAGAAGAAGPEEDLCAAFNVICDNVGVKDWRRRLARQLKVSDTKIDSIEDR 180
Db 121 HDLLRRVDDFEAGAAGAAGPEEDLCAAFNVICDNVGVKDWRRRLARQLKVSDTKIDSIEDR 180

QY 181 YPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEVQOARDLQNRSGA 240
Db 181 YPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEVQOARDLQNRSGA 240

QY 241 MSPMWSNDSASTSEAS 256
Db 241 MSPMWSNDSASTSEAS 256

RESULT 4
PCT-US96-10521-2
Sequence 2, Application PC/TUS9610521
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
NUMBER OF SEQUENCES: 34
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10521
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-10521-2

Query Match 100.0%; Score 1302; DB 5; Length 256;
Best Local Similarity 100.0%; Pred. No. 5.6e-132;
Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VNQAPECRFGGILGPIGKERDLARASEPRTEGARRAGPQPRPLADPAMDPLVLLHSVS 60
Db 1 VNQAPECRFGGILGPIGKERDLARASEPRTEGARRAGPQPRPLADPAMDPLVLLHSVS 60

QY 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120
Db 61 SSLSSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDLEPGHTELLRELLASLR 120

QY 121 HDLLRRVDDFEAGAAGAAGPEEDLCAAFNVICDNVGVKDWRRRLARQLKVSDTKIDSIEDR 180
Db 121 HDLLRRVDDFEAGAAGAAGPEEDLCAAFNVICDNVGVKDWRRRLARQLKVSDTKIDSIEDR 180

QY 181 YPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEVQOARDLQNRSGA 240
Db 181 YPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEVQOARDLQNRSGA 240

QY 241 MSPMWSNDSASTSEAS 256
Db 241 MSPMWSNDSASTSEAS 256

RESULT 5
US-08-618-164-3
Sequence 3, Application US/08618164
Patent No. 5712115
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Braxton, Scott Michael
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: HUMAN CELL DEATH-ASSOCIATED PROTEIN
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: U.S.
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,164
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J
REGISTRATION NUMBER: 33,954

REFERENCE/DOCKET NUMBER: PR-0058 US
TELEPHONE: 415-855-0555
TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: 791038
US-08-618-164-3

Query Match 80.4%; Score 1047; DB 1; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.2e-104;
Matches 208; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 49 MDPLVLLHSVSSLSSELTELKFLCLGRVVKKLERVQSGLDLFSMLLEQNDLEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTELKFLCLGRVVKKLERVQSGLDLFSMLLEQNDLEPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGDMRRRLARQLK 168
Db 61 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGDMRRRLARQLK 120
QY 169 VSDTKIDSIEDRYPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 228
Db 121 VSDTKIDSIEDRYPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 180
QY 229 QOARDLQNRSGAMSPMSNDSASTSEAS 256
Db 181 QOARDLQNRSGAMSPMSNDSASTSEAS 208

RESULT 6
US-09-074-044A-19
Sequence 19, Application US/09074044A
Patent No. 6207458
GENERAL INFORMATION:
APPLICANT: CHAUDHARY, PREET M
APPLICANT: HOOD, LEROY
TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NK-KB, JNK AND
TITLE OF INVENTION: APOPTOSIS PATHWAYS AND METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOVEY, WILLIAMS, TIMMONS & COLLINS
STREET: 2405 GRAND BLVD., SUITE 400
CITY: KANSAS CITY
STATE: MISSOURI
COUNTRY: USA
ZIP: 64108
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/074,044A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COLLINS, JOHN M
REGISTRATION NUMBER: 26,262
REFERENCE/DOCKET NUMBER: 26588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 816/474-9050
TELEFAX: 816/474-9057
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: not relevant
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-074-044A-19
Query Match 79.9%; Score 1040; DB 3; Length 208;
Best Local Similarity 99.5%; Pred. No. 6.6e-104;
Matches 207; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 49 MDPLVLLHSVSSLSSELTELKFLCLGRVVKKLERVQSGLDLFSMLLEQNDLEPGHT 108
Db 1 MDPLVLLHSVSSLSSELTELKFLCLGRVVKKLERVQSGLDLFSMLLEQNDLEPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGDMRRRLARQLK 168
Db 61 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGDMRRRLARQLK 120
QY 169 VSDTKIDSIEDRYPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 228
Db 121 VSDTKIDSIEDRYPRNLTERRVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 180
QY 229 QOARDLQNRSGAMSPMSNDSASTSEAS 256
Db 181 QOARDLQNRSGAMSPMSNDSASTSEAS 208
RESULT 7
US-09-159-277A-2
Sequence 2, Application US/09159277A
Patent No. 6562797
GENERAL INFORMATION:
APPLICANT: DIXIT, VISHVA M.
APPLICANT: O'ROURKE, KAREN
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REGULATING
TITLE OF INVENTION: FAS-ASSOCIATED APOPTOSIS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster LLP
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/159,277A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/844,691
FILING DATE: 21-APR-1997
APPLICATION NUMBER: US 08/416,379
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Konbki, Antoinette F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 203442107001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)813-5600
TELEFAX: (650)494-0792
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
US-09-159-277A-2

Query Match
Best Local Similarity 79.9%; Score 1040; DB 4; Length 208;
Matches 207; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 108
DB 1 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 60

QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 168
DB 61 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 120

QY 169 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 228
DB 121 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 180

QY 229 QOARDLQNRSGAMSPMWSNDASTSEAS 256
DB 181 QOARDLQNRSGAMSPMWSNDASTSEAS 208

RESULT 8
US-09-382-155-19
; Sequence 19, Application US/09382155B
; Patent No. 6160095
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; APPLICANT: HOOD, LEROY
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; TITLE OF INVENTION: PATHWAYS AND METHODS OF USING THE SAME
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: US/09/382,155B
; CURRENT FILING DATE: 1999-08-24
; EARLIER APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-382-155-19

Query Match
Best Local Similarity 79.3%; Score 1033; DB 3; Length 208;
Matches 206; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 108
DB 1 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 60

QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 168
DB 61 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 120

QY 169 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 228
DB 121 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 180

QY 229 QOARDLQNRSGAMSPMWSNDASTSEAS 256
DB 181 QOARDLQNRSGAMSPMWSNDASTSEAS 208

RESULT 9
US-09-064-414-6
; Sequence 6, Application US/09064414
; Patent No. 6248875
; GENERAL INFORMATION:
; APPLICANT: Wood, Andrew T

APPLICANT: Bingham, Brendan W
APPLICANT: Young, Kathleen H
APPLICANT: Birsan, Camelia
TITLE OF INVENTION: Neuronal MORT1 Isoforms
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Andrea C. Walsh
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUNTRY: USA
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,414
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: AHP-97147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (973) 683-4117
TELEFAX: (973) 683-2169
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-064-414-6

Query Match
Best Local Similarity 79.0%; Score 1028; DB 3; Length 208;
Matches 205; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 49 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 108
DB 1 MDPFLVLLHSVSSLSSELTELKFLCLGRVVRKLERVQSGDLDFSMLEQNDLEPGHT 60

QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 168
DB 61 ELLRELLASLRHDLRRVDDFEAGAAAGAAPEEDLCAAFNVICDNVGVKDWRRRLARQLK 120

QY 169 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 228
DB 121 VSDTKIDSDIEDRYPRNLTERVRESRIWKNTKENATVAHLVGLARSCQMNVLADLVQEV 180

QY 229 QOARDLQNRSGAMSPMWSNDASTSEAS 256
DB 181 QOARDLQNRSGAMSPMWSNDASTSEAS 208

RESULT 10
US-09-064-414-4
; Sequence 4, Application US/09064414
; Patent No. 6248875
; GENERAL INFORMATION:
; APPLICANT: Wood, Andrew T
; APPLICANT: Bingham, Brendan W
; APPLICANT: Young, Kathleen H
; APPLICANT: Birsan, Camelia
; APPLICANT: Birsan, Camelia
TITLE OF INVENTION: Neuronal MORT1 Isoforms
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Andrea C. Walsh
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey

COUNTRY: USA
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,414
FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: AHP-97147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (973) 683-2169
TELEFAX: (973) 683-4117
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 201 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-064-414-4

Query Match 75.7%; Score 985.5; DB 3; Length 201;
Best Local Similarity 95.7%; Pred. No. 4.7e-96;
Matches 199; Conservative 0; Mismatches 2; Indels 7; Gaps 1;

QY 49 MDPLVLLHSVSSLSSELTELKFLCIGRVYVKRLERVQSGDLFSLMLEQNDLEPGHT 108
DB 1 MDPLVLLHSVSSLSSELTELKFLCIGRVYVKRLERVQSGDLFSLMLEQNDLEP--- 57

QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGKWRRLAROLK 168
DB 58 ----ELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGKWRRLAROLK 113

QY 169 VSDTKIDIEDRYPNLTERVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 228
DB 114 VSDTKIDIEDRYPNLTERVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 173

QY 229 QOARDLQNRSGAMSPMSWNSDASTSEAS 256
DB 174 QOARDLQNRSGAMSPMSWNSDASTSEAS 201

RESULT 11
US-09-064-414-2
Sequence 2, Application US/09064414
Patent No. 6248875
GENERAL INFORMATION:
APPLICANT: Wood, Andrew T
APPLICANT: Bingham, Brendan W
APPLICANT: Young, Kathleen H
APPLICANT: Birsan, Camella
TITLE OF INVENTION: Neuronal Mort1 Isoforms
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Andrea C. Walsh
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUNTRY: USA
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,414
FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: AHP-97147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (973) 683-2169
TELEFAX: (973) 683-4117
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 201 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-064-414-2

Query Match 75.5%; Score 982.5; DB 3; Length 201;
Best Local Similarity 95.7%; Pred. No. 9.8e-98;
Matches 199; Conservative 0; Mismatches 2; Indels 7; Gaps 1;

QY 49 MDPLVLLHSVSSLSSELTELKFLCIGRVYVKRLERVQSGDLFSLMLEQNDLEPGHT 108
DB 1 MDPLVLLHSVSSLSSELTELKFLCIGRVYVKRLERVQSGDLFSLMLEQNDLEP--- 57

QY 109 ELLRELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGKWRRLAROLK 168
DB 58 ----ELLASLRHDLRRVDDFEAGAAAGAPGEEDLCAAFNVICDNVKGKWRRLAROLK 113

QY 169 VSDTKIDIEDRYPNLTERVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 228
DB 114 VSDTKIDIEDRYPNLTERVRESLRWKNTKENATVAHLVGLRSCOMNLVADLVQEV 173

QY 229 QOARDLQNRSGAMSPMSWNSDASTSEAS 256
DB 174 QOARDLQNRSGAMSPMSWNSDASTSEAS 201

RESULT 12
US-09-042-785A-28
Sequence 28, Application US/09042785A
Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION NUMBER: US 08/938,896
APPLICATION NUMBER: US 08/938,896
FILING DATE: 28-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:

LENGTH: 85 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-042-785A-28

Query Match 33.6%; Score 438; DB 3; Length 85;
Best Local Similarity 100.0%; Pred. No. 1.2e-39; Indels 0; Gaps 0;
Matches 85; Conservative 0; Mismatches 0;

QY 145 LCAAFNVICNVGKWRRLARQLKVSQDKIDSIEDRYPRNLTERVRESLRIRWNTKEKNA 204
DB 1 LCAAFNVICNVGKWRRLARQLKVSQDKIDSIEDRYPRNLTERVRESLRIRWNTKEKNA 60
QY 205 TVAHLVGALRSQCNVLVADLVQEVQ 229
DB 61 TVAHLVGALRSQCNVLVADLVQEVQ 85

RESULT 13
US-08-665-220-64
; Sequence 64, Application US/08665220
; Patent No. 5786173
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaselli, Kevin
; TITLE OF INVENTION: Mch4 and Mch5, Apoptotic Proteases,
; TITLE OF INVENTION: Nucleic Acids Encoding and Methods of Use
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,220
; FILING DATE: 14-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/618,408
; FILING DATE: 19-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-ID 2165
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..84
; OTHER INFORMATION: /note= "human FADD"

Query Match 31.1%; Score 405; DB 1; Length 84;
Best Local Similarity 98.8%; Pred. No. 4.1e-36;
Matches 83; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPFLVLLHSVSSLSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDELPGHT 108
DB 1 MDPFLVLLHSVSSLSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDELPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEA 132
DB 61 ELLRELLASLRHDLRRVDDFEA 84

RESULT 14
US-09-291-692-64
; Sequence 64, Application US/09291692
; Patent No. 6287795
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaselli, Kevin
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING AND METHODS OF USE
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USE
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/291,692
; FILING DATE: 04-13-1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Christiansen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 480140.424C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..84
; OTHER INFORMATION: /note= "human FADD"

US-09-291-692-64
Query Match 31.1%; Score 405; DB 3; Length 84;
Best Local Similarity 98.8%; Pred. No. 4.1e-36;
Matches 83; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 49 MDPFLVLLHSVSSLSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDELPGHT 108
DB 1 MDPFLVLLHSVSSLSSELTELKFLCLGRVVKRLERVQSGDLDFSMLEQNDELPGHT 60
QY 109 ELLRELLASLRHDLRRVDDFEA 132
DB 61 ELLRELLASLRHDLRRVDDFEA 84

RESULT 15
US-09-382-155-15

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; Sequence 15, Application US/09382155B
; Patent No. 6160095
; GENERAL INFORMATION:
; APPLICANT: CHAUDHARY, PREET M
; TITLE OF INVENTION: PROTEINS CAPABLE OF REGULATING NF-KB, JNK AND APOPTOSIS
; FILE REFERENCE: Chaudhary
; CURRENT APPLICATION NUMBER: US/09/382,155B
; CURRENT FILING DATE: 1999-08-24
; EARLIER APPLICATION NUMBER: 09/074,044
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 83
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-382-155-15

Query Match      30.8%; Score 401; DB 3; Length 83;
Best Local Similarity 98.8%; Pred. No. 1.1e-35;
Matches      82; Conservative      0; Mismatches      1; Indels      0; Gaps      0;

Qy      49  MDPFLVLLHVSSTSSSELTSLKFLCLGRVVKRKLERSVQGLDLFSMLLEQNDEPGHT 108
Db      1  MDPFLVLLHVSSTSSSELTSLKFLCLGRVVKRKLERSVQGLDLFSMLLEQNDEPGHT 60

Qy      109  ELURELLASLRHHDLRRVDDFE 131
Db      61  ELURELLASLRHHDLRRVDDFE 83

Search completed: April 23, 2004, 10:39:04
Job time : 24 secs
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